

Table 9.14b
Unadjusted Patient Survival, Living Donor Liver Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

| | 3 Months | | | 1 Year | | | 5 Years | | | 10 Years | | |
|---------------------------------|------------------|--------|-----------|------------------|--------|-----------|------------------|-------|-----------|------------------|-------|-----------|
| | (Tx 2006 - 2007) | | | (Tx 2006 - 2007) | | | (Tx 2002 - 2007) | | | (Tx 1997 - 2007) | | |
| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 532 | 94.9% | 1.0% | 532 | 91.0% | 1.2% | 1,821 | 79.0% | 1.1% | 3,126 | 69.9% | 1.2% |
| Age at Tx | | | | | | | | | | | | |
| <1 Year | 63 | 93.7% | 3.1% | 63 | 93.7% | 3.1% | 162 | 87.2% | 3.2% | 383 | 84.1% | 2.0% |
| 1-5 Years | 41 | 100.0% | 0.0% | 41 | 92.7% | 4.1% | 136 | 86.3% | 3.2% | 298 | 79.4% | 2.7% |
| 6-11 Years | 13 | 84.6% | 10.0% | 13 | 84.6% | 10.0% | 33 | 59.3% | 15.1% | 74 | 72.8% | 7.8% |
| 12-17 Years | 7 | 100.0% | 0.0% | 7 | 100.0% | 0.0% | 18 | 94.4% | 5.4% | 54 | 78.5% | 6.8% |
| 18-34 Years | 42 | 92.9% | 4.0% | 42 | 90.5% | 4.5% | 143 | 86.3% | 3.4% | 225 | 75.2% | 4.4% |
| 35-49 Years | 100 | 97.0% | 1.7% | 100 | 97.0% | 1.7% | 431 | 82.2% | 2.2% | 720 | 63.6% | 3.7% |
| 50-64 Years | 211 | 94.3% | 1.6% | 211 | 88.6% | 2.2% | 756 | 73.9% | 1.9% | 1,168 | 64.6% | 2.0% |
| 65+ Years | 55 | 94.5% | 3.1% | 55 | 85.5% | 4.8% | 142 | 76.0% | 4.2% | 204 | 58.6% | 5.0% |
| Recipient Ethnicity/Race | | | | | | | | | | | | |
| White | 424 | 94.1% | 1.1% | 424 | 90.3% | 1.4% | 1,428 | 77.7% | 1.4% | 2,387 | 69.1% | 1.5% |
| African American | 26 | 96.2% | 3.8% | 26 | 88.5% | 6.3% | 92 | 79.6% | 4.5% | 181 | 68.3% | 4.0% |
| Hispanic/Latino | 59 | 98.3% | 1.7% | 59 | 94.9% | 2.9% | 229 | 84.1% | 2.7% | 420 | 72.8% | 2.9% |
| Asian | 19 | 100.0% | 0.0% | 19 | 94.7% | 5.1% | 54 | 84.6% | 5.5% | 117 | 72.8% | 7.0% |
| Other/Multi-race | 4 | 100.0% | 0.0% | 4 | 100.0% | 0.0% | 18 | 86.9% | 8.7% | 21 | + | + |
| Recipient Gender | | | | | | | | | | | | |
| Female | 233 | 94.4% | 1.5% | 233 | 92.3% | 1.7% | 800 | 80.6% | 1.7% | 1,402 | 71.3% | 1.9% |
| Male | 299 | 95.3% | 1.2% | 299 | 90.0% | 1.7% | 1,021 | 77.8% | 1.6% | 1,724 | 68.9% | 1.5% |
| Recipient Blood Type | | | | | | | | | | | | |
| O | 255 | 94.5% | 1.4% | 255 | 91.0% | 1.8% | 912 | 78.9% | 1.6% | 1,573 | 69.4% | 1.6% |
| A | 217 | 95.4% | 1.4% | 217 | 91.7% | 1.9% | 689 | 80.0% | 1.8% | 1,163 | 72.3% | 1.8% |
| B | 52 | 94.2% | 3.2% | 52 | 90.4% | 4.1% | 186 | 77.2% | 3.7% | 331 | 69.3% | 3.8% |
| AB | 8 | 100.0% | 0.0% | 8 | 75.0% | 15.3% | 34 | 76.5% | 8.3% | 59 | 50.7% | 15.5% |

Source: OPTN/SRTR Data as of May 4, 2009.

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| | 3 Months | | | 1 Year | | | 5 Years | | | 10 Years | | |
|-------------------------------------|------------------|--------|-----------|------------------|--------|-----------|------------------|-------|-----------|------------------|--------|-----------|
| | (Tx 2006 - 2007) | | | (Tx 2006 - 2007) | | | (Tx 2002 - 2007) | | | (Tx 1997 - 2007) | | |
| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 532 | 94.9% | 1.0% | 532 | 91.0% | 1.2% | 1,821 | 79.0% | 1.1% | 3,126 | 69.9% | 1.2% |
| Recipient Residency | | | | | | | | | | | | |
| U.S. Resident | 521 | 94.8% | 1.0% | 521 | 90.8% | 1.3% | 1,789 | 79.1% | 1.2% | 3,048 | 69.7% | 1.3% |
| Nonresident Alien | 11 | 100.0% | 0.0% | 11 | 100.0% | 0.0% | 32 | 75.1% | 9.0% | 77 | 75.4% | 5.1% |
| Unknown | 0 | - | - | 0 | - | - | 0 | - | - | 1 | 100.0% | 0.0% |
| Hospitalized at Tx | | | | | | | | | | | | |
| Not Hospitalized | 422 | 95.5% | 1.0% | 422 | 91.9% | 1.3% | 1,459 | 80.2% | 1.3% | 2,375 | 70.4% | 1.6% |
| Hospitalized | 73 | 95.9% | 2.3% | 73 | 91.8% | 3.2% | 226 | 74.7% | 3.4% | 482 | 68.6% | 2.5% |
| In Intensive Care | 37 | 86.5% | 5.6% | 37 | 78.4% | 6.8% | 136 | 74.2% | 4.2% | 268 | 65.8% | 3.7% |
| Unknown | 0 | - | - | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% |
| Life Support at Tx | | | | | | | | | | | | |
| No | 520 | 95.6% | 0.9% | 520 | 91.9% | 1.2% | 1,765 | 79.5% | 1.2% | 2,983 | 70.1% | 1.3% |
| Yes | 12 | 66.7% | 13.6% | 12 | 50.0% | 14.4% | 56 | 66.1% | 6.7% | 142 | 63.1% | 4.1% |
| Unknown | 0 | - | - | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% |
| Primary Diagnosis | | | | | | | | | | | | |
| Non-Cholestatic Cirrhosis | 210 | 96.2% | 1.3% | 210 | 90.0% | 2.1% | 853 | 76.4% | 1.7% | 1,435 | 58.4% | 4.8% |
| Cholestatic Liver Disease/Cirrhosis | 116 | 92.2% | 2.5% | 116 | 89.7% | 2.8% | 395 | 84.9% | 2.2% | 579 | 75.1% | 2.9% |
| Acute Hepatic Necrosis | 24 | 95.8% | 4.1% | 24 | 91.7% | 5.6% | 77 | 81.2% | 4.9% | 155 | 77.0% | 3.4% |
| Biliary Atresia | 65 | 96.9% | 2.1% | 65 | 96.9% | 2.1% | 178 | 92.5% | 2.3% | 406 | 85.8% | 2.0% |
| Metabolic Diseases | 14 | 92.9% | 6.9% | 14 | 92.9% | 6.9% | 46 | 72.4% | 9.3% | 101 | 74.5% | 4.8% |
| Malignant Neoplasms | 59 | 93.2% | 3.3% | 59 | 88.1% | 4.2% | 137 | 66.4% | 5.0% | 221 | 53.6% | 4.2% |
| Other | 44 | 95.5% | 3.1% | 44 | 93.2% | 3.8% | 135 | 72.5% | 5.5% | 229 | 71.9% | 3.8% |

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Table 9.14b (Continued)
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| | 3 Months | | | 1 Year | | | 5 Years | | | 10 Years | | |
|----------------------------------|------------------|--------|-----------|------------------|--------|-----------|------------------|--------|-----------|------------------|-------|-----------|
| | (Tx 2006 - 2007) | | | (Tx 2006 - 2007) | | | (Tx 2002 - 2007) | | | (Tx 1997 - 2007) | | |
| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 532 | 94.9% | 1.0% | 532 | 91.0% | 1.2% | 1,821 | 79.0% | 1.1% | 3,126 | 69.9% | 1.2% |
| Waiting List Status at Tx | | | | | | | | | | | | |
| 1 | 0 | - | - | 0 | - | - | 76 | 75.1% | 5.2% | 173 | 74.4% | 3.3% |
| 2 | 0 | - | - | 0 | - | - | 0 | - | - | 6 | 66.7% | 19.2% |
| 2A | 0 | - | - | 0 | - | - | 1 | 100.0% | 0.0% | 26 | 27.7% | 11.7% |
| 2B | 0 | - | - | 0 | - | - | 34 | 64.7% | 8.2% | 595 | 61.6% | 3.6% |
| 3 | 0 | - | - | 0 | - | - | 35 | 71.4% | 7.6% | 508 | 71.5% | 2.2% |
| MELD 6-10 | 103 | 96.1% | 1.9% | 103 | 89.3% | 3.0% | 317 | 73.1% | 3.2% | 317 | + | + |
| MELD 11-14 | 104 | 95.2% | 2.1% | 104 | 90.4% | 2.9% | 408 | 82.1% | 2.3% | 408 | + | + |
| MELD 15-20 | 127 | 92.9% | 2.3% | 127 | 90.6% | 2.6% | 437 | 80.0% | 2.3% | 437 | + | + |
| MELD 21-30 | 37 | 97.3% | 2.7% | 37 | 91.9% | 4.5% | 128 | 73.2% | 4.9% | 128 | + | + |
| MELD >30 | 2 | 50.0% | 35.4% | 2 | 50.0% | 35.4% | 8 | 50.0% | 17.7% | 8 | + | + |
| PELD <11 | 18 | 100.0% | 0.0% | 18 | 100.0% | 0.0% | 66 | 90.3% | 4.5% | 66 | + | + |
| PELD 11-14 | 10 | 100.0% | 0.0% | 10 | 100.0% | 0.0% | 26 | 85.7% | 8.0% | 26 | + | + |
| PELD 15-20 | 21 | 90.5% | 6.4% | 21 | 90.5% | 6.4% | 49 | 91.8% | 3.9% | 49 | + | + |
| PELD 21-30 | 17 | 100.0% | 0.0% | 17 | 100.0% | 0.0% | 37 | 97.3% | 2.7% | 37 | + | + |
| PELD >30 | 7 | 100.0% | 0.0% | 7 | 100.0% | 0.0% | 12 | 100.0% | 0.0% | 12 | + | + |
| HCC T1 | 0 | - | - | 0 | - | - | 11 | 72.7% | 13.4% | 11 | + | + |
| HCC T2 | 23 | 100.0% | 0.0% | 23 | 95.7% | 4.3% | 57 | 79.9% | 6.2% | 57 | + | + |
| Other Exceptions | 32 | 93.8% | 4.3% | 32 | 90.6% | 5.2% | 64 | 86.4% | 5.0% | 64 | + | + |
| Other Status | 6 | 100.0% | 0.0% | 6 | 100.0% | 0.0% | 28 | 80.7% | 7.9% | 171 | 72.3% | 3.6% |
| Yearly Center Volume | | | | | | | | | | | | |
| 0-9 | 10 | 90.0% | 9.5% | 10 | 90.0% | 9.5% | 41 | 70.2% | 7.8% | 123 | 75.2% | 4.6% |
| 10-19 | 17 | 88.2% | 7.8% | 17 | 88.2% | 7.8% | 124 | 82.4% | 4.1% | 114 | 74.7% | 6.0% |
| 20-34 | 33 | 100.0% | 0.0% | 33 | 97.0% | 3.0% | 83 | 72.4% | 6.4% | 277 | 72.3% | 2.9% |
| 35-56 | 145 | 93.1% | 2.1% | 145 | 89.7% | 2.5% | 417 | 82.9% | 2.2% | 902 | 71.7% | 2.3% |
| 57+ | 327 | 95.7% | 1.1% | 327 | 91.1% | 1.6% | 1,156 | 78.3% | 1.4% | 1,710 | 67.4% | 1.9% |

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| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 532 | 94.9% | 1.0% | 532 | 91.0% | 1.2% | 1,821 | 79.0% | 1.1% | 3,126 | 69.9% | 1.2% |
| Donor Age | | | | | | | | | | | | |
| 12-17 Years | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 2 | 100.0% | 0.0% | 2 | + | + |
| 18-34 Years | 241 | 95.4% | 1.3% | 241 | 92.5% | 1.7% | 833 | 80.1% | 1.7% | 1,510 | 75.1% | 1.5% |
| 35-49 Years | 207 | 94.7% | 1.6% | 207 | 89.9% | 2.1% | 746 | 79.8% | 1.7% | 1,259 | 65.4% | 2.2% |
| 50-64 Years | 80 | 93.8% | 2.7% | 80 | 88.8% | 3.5% | 233 | 72.8% | 3.6% | 343 | 59.8% | 4.0% |
| 65+ Years | 2 | 100.0% | 0.0% | 2 | 100.0% | 0.0% | 6 | 53.3% | 24.8% | 11 | + | + |
| Unknown | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 1 | + | + | 1 | + | + |
| Relation of Donor to Recipient | | | | | | | | | | | | |
| Parent | 97 | 94.8% | 2.2% | 97 | 90.7% | 2.9% | 291 | 83.5% | 2.6% | 689 | 79.5% | 1.7% |
| Offspring | 142 | 93.7% | 2.0% | 142 | 87.3% | 2.8% | 508 | 74.5% | 2.3% | 839 | 63.3% | 2.7% |
| Sibling | 88 | 97.7% | 1.6% | 88 | 95.5% | 2.2% | 332 | 82.9% | 2.4% | 518 | 69.4% | 4.2% |
| Other Relative | 64 | 92.2% | 3.4% | 64 | 92.2% | 3.4% | 179 | 81.1% | 3.8% | 293 | 68.0% | 5.9% |
| Spouse | 26 | 92.3% | 5.2% | 26 | 84.6% | 7.1% | 113 | 81.1% | 4.1% | 190 | 58.8% | 8.2% |
| Other Unrelated | 93 | 95.7% | 2.1% | 93 | 93.5% | 2.5% | 349 | 77.7% | 2.8% | 527 | 68.8% | 2.9% |
| Unknown | 22 | 100.0% | 0.0% | 22 | 90.9% | 6.1% | 49 | 71.6% | 7.2% | 70 | + | + |

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| | (Tx 2006 - 2007) | | | (Tx 2006 - 2007) | | | (Tx 2002 - 2007) | | | (Tx 1997 - 2007) | | |
| | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. | N | % | Std. Err. |
| Total | | | | | | | | | | | | |
| All | 532 | 94.9% | 1.0% | 532 | 91.0% | 1.2% | 1,821 | 79.0% | 1.1% | 3,126 | 69.9% | 1.2% |
| Transplant Center State | | | | | | | | | | | | |
| Alabama | 0 | - | - | 0 | - | - | 0 | - | - | 6 | + | + |
| Arizona | 24 | 95.8% | 4.1% | 24 | 91.7% | 5.6% | 79 | 89.6% | 3.5% | 87 | + | + |
| California | 62 | 96.8% | 2.2% | 62 | 96.8% | 2.2% | 301 | 83.8% | 2.3% | 495 | 73.9% | 3.3% |
| Colorado | 14 | 92.9% | 6.9% | 14 | 92.9% | 6.9% | 63 | 91.7% | 3.6% | 127 | 77.7% | 4.8% |
| District of Columbia | 11 | 90.9% | 8.7% | 11 | 90.9% | 8.7% | 19 | 51.1% | 22.7% | 28 | + | + |
| Delaware | 6 | 83.3% | 15.2% | 6 | 83.3% | 15.2% | 27 | 84.4% | 7.2% | 37 | + | + |
| Florida | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 13 | 57.7% | 15.0% | 53 | 51.9% | 7.0% |
| Georgia | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 8 | 72.9% | 16.5% | 33 | 84.5% | 6.4% |
| Iowa | 0 | - | - | 0 | - | - | 1 | 100.0% | 0.0% | 8 | + | + |
| Illinois | 65 | 96.9% | 2.1% | 65 | 86.2% | 4.3% | 184 | 74.3% | 3.9% | 252 | 70.2% | 3.5% |
| Indiana | 0 | - | - | 0 | - | - | 0 | - | - | 3 | + | + |
| Kentucky | 0 | - | - | 0 | - | - | 1 | 0.0% | 0.0% | 1 | 0.0% | 0.0% |
| Louisiana | 2 | 100.0% | 0.0% | 2 | 100.0% | 0.0% | 8 | 70.0% | 18.2% | 15 | + | + |
| Massachusetts | 55 | 94.5% | 3.1% | 55 | 90.9% | 3.9% | 147 | 81.5% | 4.5% | 234 | 64.8% | 8.5% |
| Maryland | 8 | 100.0% | 0.0% | 8 | 100.0% | 0.0% | 28 | 96.4% | 3.5% | 80 | 78.9% | 4.9% |
| Michigan | 12 | 100.0% | 0.0% | 12 | 100.0% | 0.0% | 29 | 76.1% | 12.9% | 41 | 80.3% | 7.7% |
| Minnesota | 57 | 94.7% | 3.0% | 57 | 94.7% | 3.0% | 147 | 79.8% | 4.9% | 181 | 79.5% | 3.9% |
| Missouri | 4 | 75.0% | 21.7% | 4 | 75.0% | 21.7% | 20 | 80.0% | 8.9% | 44 | 72.2% | 7.4% |
| North Carolina | 3 | 100.0% | 0.0% | 3 | 100.0% | 0.0% | 24 | 77.6% | 10.6% | 67 | 61.6% | 9.1% |
| Nebraska | 10 | 90.0% | 9.5% | 10 | 60.0% | 15.5% | 44 | 74.0% | 7.5% | 62 | 75.8% | 5.7% |
| New Jersey | 0 | - | - | 0 | - | - | 0 | - | - | 3 | 66.7% | 27.2% |
| New York | 59 | 93.2% | 3.3% | 59 | 89.8% | 3.9% | 301 | 77.4% | 2.7% | 649 | 66.7% | 2.4% |
| Ohio | 14 | 100.0% | 0.0% | 14 | 71.4% | 12.1% | 31 | 52.6% | 12.5% | 76 | 60.2% | 6.4% |
| Pennsylvania | 87 | 96.6% | 2.0% | 87 | 95.4% | 2.2% | 238 | 74.7% | 4.0% | 291 | 71.6% | 3.7% |
| South Carolina | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 2 | + | + | 8 | + | + |
| Tennessee | 0 | - | - | 0 | - | - | 7 | 57.1% | 18.7% | 31 | + | + |
| Texas | 2 | 100.0% | 0.0% | 2 | 100.0% | 0.0% | 14 | 64.3% | 12.8% | 28 | + | + |
| Utah | 3 | 100.0% | 0.0% | 3 | 100.0% | 0.0% | 7 | 85.7% | 13.2% | 18 | 77.8% | 9.8% |
| Virginia | 29 | 86.2% | 6.4% | 29 | 82.8% | 7.0% | 68 | 80.3% | 5.4% | 147 | 62.2% | 5.2% |
| Washington | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 1 | + | + | 2 | + | + |
| Wisconsin | 1 | 100.0% | 0.0% | 1 | 100.0% | 0.0% | 9 | 76.2% | 14.8% | 19 | + | + |

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